

**REMOVABLE FRAME
GREATER THAN 6.10 m**

* 2794 & 3048 sign panel frames will project above the top chord of the truss. In these cases the top clips shall be bolted to vertical frame members. See Standard Plan S22 for details.

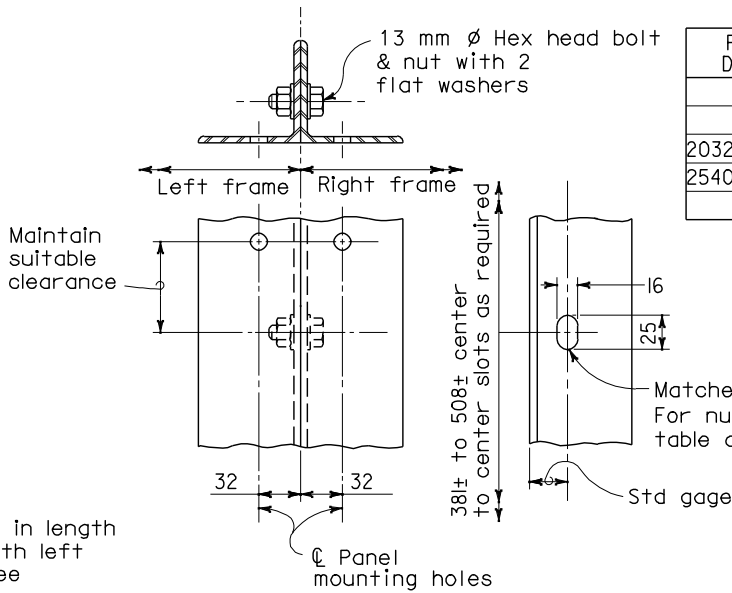
Sign Length (m)	Left Section (m)	Right Section (m)
6.71	3.66	3.05
7.32	3.66	3.66
7.93	3.66	4.27
8.54	4.88	3.66
9.15	4.88	4.27
9.76	4.88	4.88
10.37	4.88	5.49
10.98	6.10	4.88
11.59	6.10	5.49
12.20	6.10	6.10

NOTES

Frames for signs greater than 6.10 m in length shall be fabricated in two sections with left section a multiple of 1220 in length. See table above.

Sections shall be hoisted into place individually and bolted together as per detail ⑪ prior to tightening of mounting clip bolts.

Bolting two sections together and hoisting simultaneously will not be permitted.



Panel Depth	No of slots
1270	2
1778	3
2032 & 2286	4
2540 & 2794	5
3048	6

NOTE

Panel mounting holes not shown. Panel lengths available in 610 increments.

To accompany plans dated _____



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

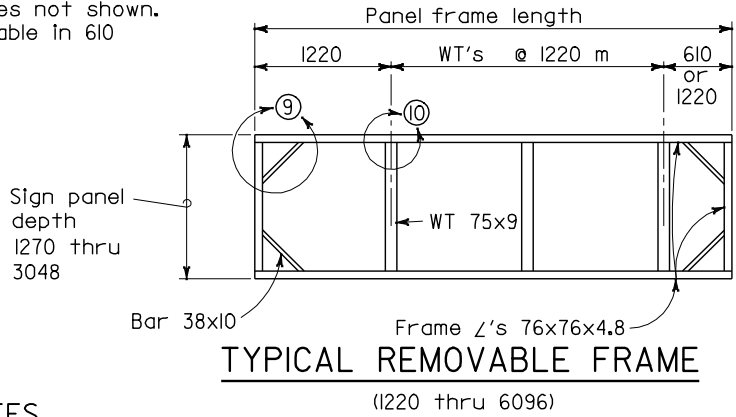
REGISTERED CIVIL ENGINEER

January 24, 2005
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

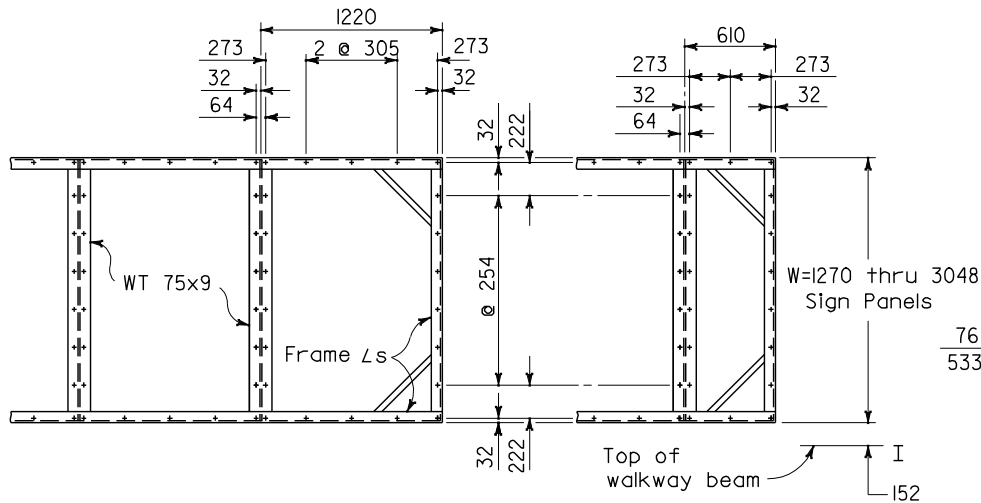
To get to the Caltrans web site, go to: <http://www.dot.ca.gov>

Tillat Sattar
No. C42892
Exp. 03-31-2006
CIVIL
STATE OF CALIFORNIA



NOTES

1. Frames shall be all-welded construction.
2. Panel mounting holes shall be drilled by template. Sign panel may be considered a template.
3. Drilled and tapped holes 6.34 mm may be used where interference due to welds or structural members is encountered.
4. WT 75 x 9 shall be flush with faces of frame angles.
5. Mounting clip angles shall be located such as to allow the top and bottom frame angles of the removable sign panel to lie on a straight horizontal line.
6. Holes for mounting removable sign panel frame may be slotted 25 mm maximum parallel to the axis of the sign.
7. WT 75 x 9 may be crimped at ends to join frame angles. Fillet weld all around.

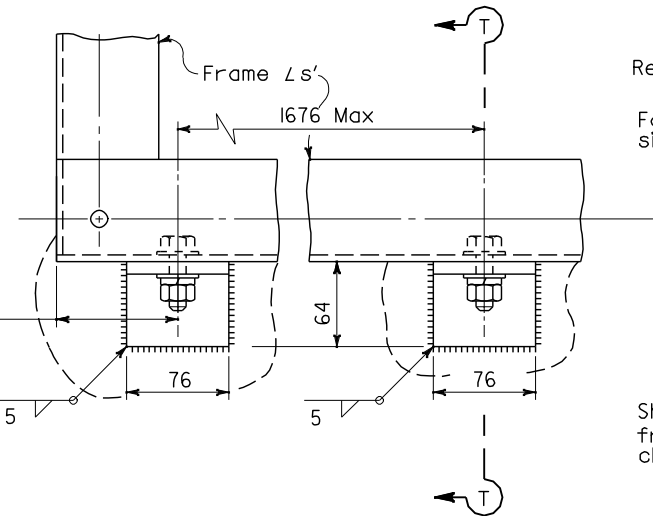


TYPICAL 1220 PANEL TYPICAL 610 PANEL

All holes 13 diameter maximum.

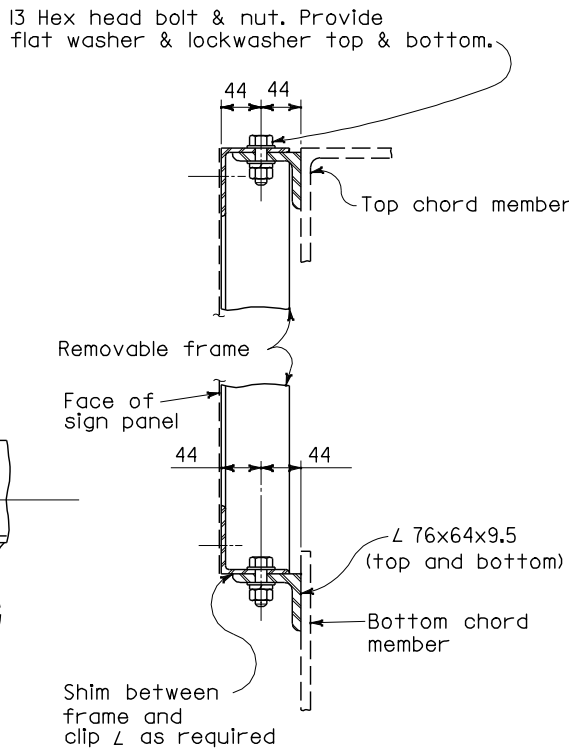
**MOUNTING HOLE SPACING
SIGN PANEL & FRAME**

Hole spacing is for single sheet sign panels. For Overhead Formed Panels refer to "Removable Sign Panel Frames, Mounting Details" Sheet.

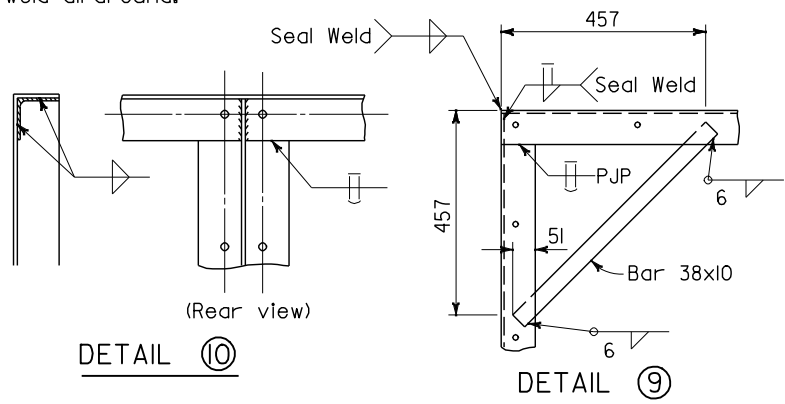


FRAME MOUNTING DETAILS

Details shown apply for sign panel frames ≤ 2540 mm deep. Mounting details for deeper panels shown on Standard Plan S22.



SECTION T-T



TYPICAL JOINT DETAILS

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**OVERHEAD SIGNS
STEEL FRAMES
REMOVABLE SIGN PANEL FRAMES**

NO SCALE

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

RSP S20 DATED JANUARY 24, 2005 SUPERSEDES STANDARD PLAN S20
DATED JULY 1, 2004-PAGE 329 OF THE STANDARD PLANS BOOK DATED JULY 2004.

REVISED STANDARD PLAN RSP S20